AGILENT TECHNOLOGIES, INC. Legal Department, DL429 Intellectual Property Administration P. O. Box 7599

Loveland, Colorado 80537-0599

10-14-04

ATTORNEY DOCKET NO. 10004024-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul LUM

Serial No.: 10/643,071

Examiner: William H. RODRIGUEZ

Filing Date: August 18, 2003

Group Art Unit: 3746

Title: MICRO PADDLE WHEEL PUMP FOR PRECISE PUMPING, MIXING, DISPENSING, AND VALVING OF

BLOOD AND REAGENTS

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria VA 22313-1450

| | | TRA | NSMITTAL | LETTE | R FOR RESPONSE. | AMENDMI | ENT | | |
|--|--|--|-------------------------------|---------------------------------------|--|------------------------------------|-------------|---------------------------|--|
| Sir: | | | | | | | | | |
| Tran | nsmitted he | erewith is/are the fo | llowing in | the ab | ove-identified ap | plication: | | | |
| \boxtimes | Response/Amendment | | | | | Petition to extend time to respond | | | |
| | New fee as calculated below | | | | | Supplemental Declaration | | | |
| ☐ No additional fee (Address envelope to "Mail Stop Non-Fee Amendments") | | | | | | | | | |
| | Other:(Fee \$) | | | | | | | | |
| | CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY | | | | | | | | |
| | (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBER EXTRA | | (4) GHEST NUMBER IOUSLY PAID FOR | (5) PRESENT EXTRA | (6) RATE | (7) ADDITIONAL FEES | |
| | OTAL CLAIMS | 12 | MINUS | | 14 | = | X 18 | \$ | |
| | NDEP. CLAIMS | 4 | MINUS | | 3 | = 1 | X 88 | \$ 88.00 | |
| | FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM | | | | | | + 300 | \$ | |
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| | | | | | | | THER FEES | \$ | |
| | TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | | | \$ 88.00 | |
| chai | rge any fee | O to Deposit Accoures required or creditese charge any fee | any over p | ayme | nt to Deposit Ac | count 50 - | 1078 purs | uant to 37 CFR | |

ase 1.2 5. 0 and 1.21. A duplicate copy of this transmittal letter is enclosed.

"Express Mail" label no. EV 527341792 US

Date of Deposit: October 12, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on The date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450,

Alexandria VA 22313-1450.

Typed Name: Andrew B

Respectfully submitted, FINNEGAN, HENDERSON, FARABOW, GARRETT ETC.

Andrew B Schwaab

Attorney/Agent for Applicant(s)

Reg. No. 38,611

Date: October 12, 2004

Telephone No. 650.849.6643

Amdt./Response submitted Oct. 12, 2004 Replying to Office Action dated July 12, 2004

Customer No. 22,852 Attorney Docket No. 10004024-2

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 12, 2004. Express Mail Label No.: EV 527341792 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: |) | | | |
|---|------------------------------|--|--|--|
| Paul LUM |) Group Art Unit: 3746 | | | |
| Application No.: 10/643,071 | Examiner: RODRIGUEZ, William | | | |
| Filed: August 18, 2003 |)) | | | |
| For: A MICRO PADDLE WHEEL PUMP FOR PRECISE PUMPING, MIXING, DISPENSING, AND VALVING OF BLOOD AND REAGENTS | Confirmation No.: 4192) | | | |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE TO OFFICE ACTION

In reply to the Office Action mailed July 12, 2004, please amend the above-identified application as set forth below and consider the following remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begin on page 3 of this paper.

Amendments to the Drawings are included in the attached new drawing sheets. The amendments are discussed in this paper and are also illustrated in the attached annotated drawing sheets.

Remarks/Arguments begin on page 7 of this paper.

Attachments to this amendment include Figure 1 (unchanged) and new Figure 2.

10/19/2004 RMEBRAHT 00000088 501078